




# DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

**DEPARTMENT OF MECHANICAL ENGINEERING**

Accredited NBA, NAAC with A+, New Delhi

<b>Faculty Name</b>	<b>M.N. GURURAJA</b>	
<b>Academic Designation</b>	Associate Professor	
<b>Educational Qualification</b>	<b>B.E., M.Tech., Ph.D.</b>	
<b>Experience in Years</b>	<b>17 Years</b>	
<b>Area of Interest</b>	<b>Composite Materials, Nano Materials</b>	
<b>Date of Birth</b>	<b>21/11/1973</b>	
<b>Email ID</b>	<b>gururajamn-me@dsatm.edu.in</b>	

## Educational Details

- Ph.D. – 2016-VTU
- M.Tech – S.J. College of Engineering Mysore 2007-VTU
- B.E – S.J. College of Engineering Mysore 2005/VTU

## Personal Details

- Date of Birth: 21/11/1973
- Hobbies: Reading the book, Music
- Languages Known: English, Kannada, Hindi

## Professional Experience

- Worked as lecturer in GSSSIETW at Mysore from June 2006 to July 2009
- Worked as Senior lecturer in SJCE at Mysore from August 2009 to June 2011
- Worked as Assistant professor in MVJCE at Bangalore from July 2011 to 2014
- Working as Associate professor in DSATM at Bangalore from July 2014 to till date

## Publications

### International Journals:.

1. Gururaja M N, A.N Hari Rao, “A Review on Recent Applications and Future Prospectus of Hybrid Composites”, International Journal of Soft Computing and Engineering (IJSCE) ISSN: 2231-2307, Volume-1, Issue-6, January 2012.

2. Gururaja M N, A.N Hari Rao, "Hybrid Effects on Tensile Properties of Carbon/Glass Angle ply Composites", *Advances in Materials* 2013; 2(3): 36-41 published online July 10, 2013.
3. Gururaja M N, A.N Hari Rao, "Effect of an Angle-Ply Orientation on Tensile Properties of Kevlar/Glass Hybrid Composites", *International Journal on Theoretical and Applied Research in Mechanical Engineering (IJTARME)* ISSN: 2319 – 3182, Volume-2, Issue-3, July 2013.
4. Gururaja M N, A.N Hari Rao, "Interlaminar Shear Strength of Cross Ply & Angle Ply Carbon/Glass Hybrid Composites", *International Journal of Composite Materials*, 3(6): 141-144, Aug 2013.
5. Gururaja M N, A.N Hari Rao, "Characterization of the Interlaminar Shear Strength of Angle ply Kevlar/Glass Hybrid Composites", *Elixir Mechanical Engineering*. 62 (2013) 17711-17714, Aug 2013.
6. Gururaja M N, A.N Hari Rao, "Hybridization effect on Flexural Properties of Epoxy Based Woven Carbon/Glass and Kevlar/Glass Composites", *International Journal of Current Research* Vol. 5, Issue, 09, pp.2554-2556, September, 2013
7. Gururaja M N, A.N Hari Rao, "Influence of Angle Ply Orientation on Tensile Properties of Carbon/Glass Hybrid Composite", *Journal of Minerals and Materials Characterization and Engineering*, 1, 231-235, September 2013
8. M. N Gururaja, A.S Devaraja, "Micromechanical Analysis of Hybrid Composites", *International Journal of Advance Research*, Vol 5, issue 7, 820-824, July 2017
9. Dr. A.S Devaraja, M.N Gururaja, "Development of hybrid Composites An approach for Cenosphere filled with Jute, E-glass fibre and comparison with 0 & 5 wt % Cenosphere", *UGC Care Journal*, ISSN: 2394-3114 Vol-40-Issue-40-March-2020

### **Conference Attended**

1. Nithin.P, M.N Gururaja, "Elimination of Q issue" First National conference on Convergence of Science, Technology and Management NCCSTM-2015 at Dayanandasagar Academy of Technology & Management Benagluru.
2. Suresha .A , M.N Gururaja, " Design and development of Remote controlled Hydraulic jack" second National conference on Convergence of Science, Technology and Management NCCSTM-2016 at Dayanandasagar Academy of Technology & Management Benagluru.
3. Punith Kumar S, M.N Gururaja, "Development and Mechanical Characterization of Polymer based Hybrid Composites", Third National conference on Convergence of Science, Technology and Management NCCSTM-2017, on 19<sup>th</sup> May 2017 at Dayananda sagar Academy of Technology & Management Bangalore
4. Dileep kumar, M.N Gururaja " Investigation on Mechanical properties of kevlar/glass hybrid composite" Fourth National conference on Convergence of Science, Technology and Management NCCSTM-2018 at Dayanandasagar Academy of Technology & Management Benagluru.
5. Narasanna , Mahantagouda S.G, M.N Gururaja "Synthesis and Characterization of

Carbon/Glass and Kevlar/Glass Hybrid composites”, Fifth National conference on Convergence of Science, Technology and Management NCCSTM-2019 at Dayanandasagar Academy of Technology & Management Benagluru.

6. Girish R.S , Manjunath K.S, M.N Gururaja, “Tribological behaviour study of Metal matrix Hybrid composite materials”, Fifth National conference on Convergence of Science, Technology and Management NCCSTM-2019 at Dayanandasagar Academy of Technology & Management Benagluru.
7. Sujay kumar N, Shivaraj Kumar S, M.N Gururaja, “Influence of Cenosphere filled particle on Mechanical properties of MMC”, Fifth National conference on Convergence of Science, Technology and Management NCCSTM-2019 at Dayanandasagar Academy of Technology & Management Benagluru.
8. Uday M Patel, Subham Mishra, M.N Gururaja, “ Design and Development of Electric Vechicle for various purposes”, Fifth National conference on Convergence of Science, Technology and Management NCCSTM-2019 at Dayanandasagar Academy of Technology & Management Benagluru.

### **Conference Attended**

Attended a conference on A Review on Recent Applications and Future Prospectus of Hybrid Composites at M.S. Ramaiah institute of technology, Bangalore in October 2011.

### **Seminar Attended**

- Attended Seminar on “Carrier opportunities in aboard” by Sreejit Narayan, Head C L educate, at DSATM, Bangalore in 2015
- Attended Seminar on “3 D printing” by sri Vineet Thomas, Managing partner, Dimension, Bangalore in 2015
- Attended Technical Seminar on “Industrial process automation” by Mr. R. Venugopal Managing Director& Mr. Arunkumar Venjay automation, Bangalore in 2017
- Attended Technical Seminar on ““Non-destructive testing in Advanced Manufacturing” by Mr. Ravikumar Chairman, The Indian Institute of Welding-Bengaluru in 2019

### **Workshop Attended**

- Attended Five days FDP on “*Teaching Methodologies*” conducted by Wipro technologies on September 2012 at MVJ college of Engineering Bangalore
- Attended Two days FDP on “*Advanced Analytical characterization of Engineering Materials*” from 26 &27 August 2015 at PESIT, Bangalore
- Attended 3 days FDP on “*Advances in Manufacturing*” from 15<sup>th</sup> to 19<sup>th</sup> October 2015 at

NIE, Mysore.

- Attended 3 days Workshop on “*Teaching and continuous evaluation*” from 11<sup>th</sup> to 13<sup>th</sup> of December 2017 organized by DSATM, Bengaluru.
- Attended 3 days FDP on “*Blooms Taxonomy and Outcome Based Education practices*” from 18th to 20th June 2018 organized by DSATM, Bengaluru.
- Attended Five days FDP on *Research Opportunities om Materials and Manufacturing* at Dayanandasagar Academy of Tech & Mgmt Banaglore from 16 Jan 2019 to 20 Jan 2019.
- Attended Two days FDP on IPR programme at Dayanandasagar Academy of Tech & Mgmt Banaglore from 14 Feb 2019 to 15 Feb 2019.
- Attended 3 day FDP on “*Recent innovations in Manufacturing and welding technology*” from 28<sup>th</sup> June 2019 to 2<sup>nd</sup> July 2019 organized by DSATM, Bengaluru.

### **Administrative Activity**

- Internship Coordinator
- MT Laboratory In charge
- Research cell Coordinator

### **Contact Details**

Associate Professor, Department of Mechanical Engineering  
Dayananda Sagar Academy of Technology & Management  
Udayapura, Kanakapura Road  
Bengaluru-560082  
Mail ID: [gururajamn-me@dsatm.edu.in](mailto:gururajamn-me@dsatm.edu.in)  
Phone No.: **9901300007**